

Manhole Inspection Summary

Manhole # S25M__027MH

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Inspection ☐ Is Incomplete Rating: **4) Poor**

Record Plat: **25M** Node: **027** Status: **Found**

Insp Date: **3/3/08 10:02 AM**

Incomplete Comments

Crew: **dh/pe**
Inspector: **pesparza**
Firm: **PER**

Location Address: **S.CAREY ST.**

Cross Street: **SARGEANT ST.**

Manhole Type: **Junction**

Location: **Roadway**

Ground Conditions: **Dry**

☐ Prev. Rehab

Weather: **Dry**

Subject To Ponding: **None**

Comments

Cover

Shape: **Circular**

Diameter: **25.** (in.) Length: **0** (in.) Dist A/B Grade: **0** (in.)
5

Type: **Sanitary**

Condition: **Sound**

Cover Material: **Cast Iron**

Properties: ☐ Bolted ☒ Vented ☐ Water Tight ☐ Water Tight Insert

Frame

Offset: **2** (in.)

Condition: ☒ Sound ☐ Cracked ☐ Leaks

Chimney / Frame Adjustment

☒ Exists Material: **Brick**

☐ Parged Height: **6** (in.)

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☐ None ☐ Joint ☒ Cracks ☒ Mortar ☐ Roots ☒ Wall

Corbel

Material: **Brick**

☐ Parged

Type: **Concentric/Eccentric**

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☐ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☒ Wall

Barrel

Material: **Brick**

☐ Parged

Shape: **Circular**

Diameter: **42** (in.) Length: **0** (in.)

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☒ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Bench

☒ Exists Material: **Brick**

☐ Parged

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

Channel

Material: **Brick**

☐ Parged

Channel Exposure: **Fully Open**

Junc Dist: **0**

nearest .5 ft.

Azimuth: **0**

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

Steps

Count: **7** Missing: **1** ☒ Corroded

Surcharge

☐ Evidence Of Surcharge

Depth: **0** (ft.)

☐ Active Surcharge Present

Location View



Top View



Misc 5



MUD FROM CHIMNEY TO CORBEL
INDICATING INFILTRTION

additional Location View



Misc-2

additional Location View



Misc-4

additional Location View



Misc-3

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Cover View



Misc-1

Defect 5



FRAME OFFSET

Defect 3



steps missing/corroded

Defect 2



EVIDENCE OF INFILTRATION MUD DEPOSITS ON CHIMNEY AT CRACKS, MORTAR, & WALL

Defect 1



signs of infiltration at corbel wall

Manhole Inspection Summary

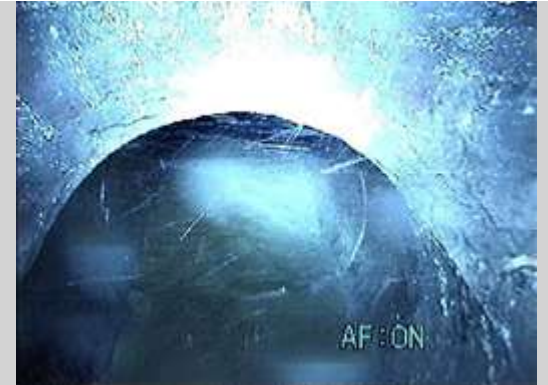
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21 in. Circular Gravity Sewer
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



Pipe Height: **22.8** (in.) Rod and Bar (Angled)
Pipe Material: **Clay** ☐ Pipe Lined
Invert Depth: **15.40** (ft.) Flow Characteristics: **Slow**
Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease
Silt Depth: **0** (in.) Deposits Extent:
Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

8 in. Circular Gravity Sewer
Pipe In @ 3 O'Clock

3 O'Clock Inflow

Drop In @ 3 O'Clock



Pipe Height: **7.2** (in.) Rod and Bar (Angled)
Pipe Material: **Clay** ☐ Pipe Lined
Invert Depth: **13.70** (ft.) Flow Characteristics: **Fast**
Deposits: ☐ None ☐ Mud ☐ Sludge ☒ **Debris** ☐ Grease
Silt Depth: **2** (in.) Deposits Extent: **Light**
Infiltration: **None** Pipe Seal Cond: **Sound**



Drop: **Inside** Rod and Bar
Angled: **Yes** Reading: **13.50** (ft.)
Inv Depth: **14.50** (ft.)
Drop Condition: **Open**

Connects To: **Manhole**

☐ Possible Illicit Connection

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21 in. Circular Gravity Sewer
Pipe In @ 6 O'Clock

6 O'Clock Inflow



Pipe Height: **19.2** (in.) Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **14.90** (ft.) Flow Characteristics: **Slow**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: **0** (in.) Deposits Extent:

Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection